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DERWENT-WEEK: 200162

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TITLE: Front panel electrode structure of plasma display panel

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PATENT-FAMILY:

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APPLICATION-DATA:

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ABSTRACTED-PUB-NO: KR2001004231A

BASIC-ABSTRACT:

NOVELTY - A front panel electrode structure of a plasma display panel is provided to extend a discharge path and to restrain an elevation of a discharge voltage, so as to improve the discharge efficiency and the brightness.

DETAILED DESCRIPTION - Two transparent electrodes are formed on a glass substrate(21). Each of bus electrodes(23) is formed on the respective transparent electrodes. A floating electrode(24) is formed between the two transparent electrodes(22). A width of the floating electrode(24) is fairly narrow than a width of the transparent electrode(22). The entire electric field is zero, and so the floating electrode(24) restrains a discharge path. The modified discharge path extends towards a rear panel and a length of the discharge path formed between the two transparent electrodes(22) is lengthened. Therefore, a discharge amount of an ultraviolet ray is increased and a brightness is improved because the length of the discharge path is increased.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: FRONT PANEL ELECTRODE STRUCTURE PLASMA DISPLAY PANEL

DERWENT-CLASS: V05

